



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090510

Mode: Highway

Status: Submitted

SR-1708 (New Route - Firetower Road Extension)

From/Cross Street: Greenville Southwest Bypass

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: NC 11/903

Project Category: Division Needs

Length: 2.55

TIP#: U-5006

Fully Funded in Draft STIP? No

Cost to NCDOT: \$29,400,000

Description:

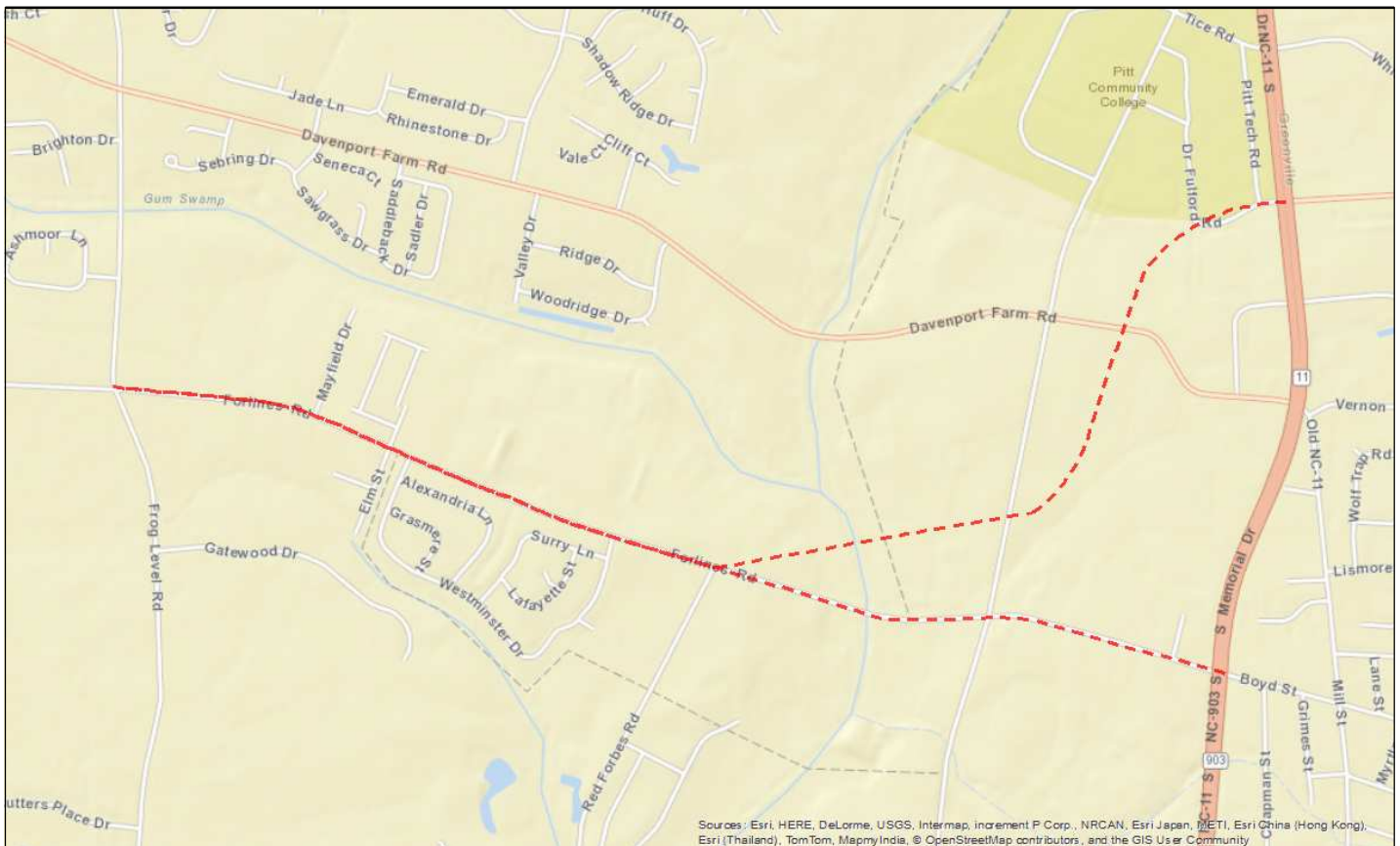
Construct Multi-Lanes, Part on New Location

Division(s): Division 2

County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 45.42

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (20%) 80.22	Percent: 25%	Percent: 25%
Multimodal + [Freight & Military] (10%) 0.00	Points: 0	Points: 100
Congestion (V/C) (20%) 21.86		
Totals: Weight: 50% Weighted Score: 20.42		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	3
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5193.35
Capacity:	15748.63
Volume/Capacity Ratio:	0.33
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.76
Crash Severity:	73.94
Critical Crash Rate:	66.98
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.55
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	231190.75
Travel Time Savings for 30 Years (Autos):	231190.75
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greenville Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$18,800,000	TIP Unit
Right-of-Way Cost:	\$10,135,000	TIP Unit
Utilities Cost:	\$465,000	TIP Unit
Total Project Cost:	\$29,400,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$29,400,000	